BT-7/D-18   **37147**

UNIX AND LINUX PROG
CSE-401-N

Time : Three Hours]   [Maximum Marks : 75

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. (a) Explain with example :

    Zip and Unzip, Pack and Unpack, Compress and Uncompress.

    (b) Explain starting and shutting of process.

2. Explain file oriented commands in detail with example.

Unit II

3. Explain redundancy elimination technique.

4. Explain regular expression pattern command with syntax.

Unit III

5. Explain building of stack and dynamic libraries. Also mention their uses.

6. (a) Explain fixed and variable sized block of data files in brief.

   (b) Explain content defined chunking.

Unit IV

7. (a) Explain job control commands in linux with examples.

   (b) Explain signals and signal handlers in linux.

8. Explain the following with examples :
   (a) Networking tools in Linux
   (b) Firewall
   (c) Backup.